

IN THE CLAIMS:

Listing of Claims

1. (previously presented) A method for providing user interfaces at a terminal for a plurality of video-on-demand services offered by provider equipment of an information distribution system, comprising:

providing a first application to support a first user interface for a first service associated with an interactive program guide;

providing a second application to support a second user interface for a second service associated with video-on-demand (VOD);

maintaining first and second message queues for the first and second applications, respectively; and

coordinating passing of control of the terminal between the first and second applications via a control mechanism, wherein the control mechanism passes control to the first and second applications via messages provided to the first and second message queues, respectively.

2. (canceled)

3. (canceled)

4. (original) The method of claim 1, further comprising:

polling the first or second application to determine a status of the application.

5. (currently amended) The method of claim ~~[[2]]~~1, further comprising:

polling for a status of the first or second application by providing a poll message to the first or second message queue, respectively.

6. (original) The method of claim 1, further comprising:

providing a root application to support communication between the first and second applications and a lower layer.

7. (original) The method of claim 6, wherein the communication between the root application and the first and second applications is achieved via a set of application programming interfaces (APIs).

8. (original) The method of claim 6, wherein the lower layer is a hardware layer.

9. (original) The method of claim 1, wherein each of the first and second applications is operable in an active state or an inactive state.

10. (original) The method of claim 9, wherein an active application is operative to process key inputs.

11. (original) The method of claim 9, wherein the first application transitions to the inactive state upon occurrence of any one of a plurality of events in a first set, and the second application transitions to the inactive state upon occurrence of any one of a plurality of events in a second set.

12. (original) The method of claim 11, wherein the plurality of events in the first set includes a first set of key presses, and the plurality of events in the second set includes a second set of key presses.

13. (original) The method of claim 9, wherein the first and second applications transition to the active state in response to receiving a launch message in the first and second message queues, respectively.

14. (original) The method of claim 9, wherein the first and second applications transition to the active state in response to receiving first and second key presses, respectively.

15. (original) The method of claim 1, further comprising:
providing a first link in the first user interface to activate the second user interface; and

providing a second link in the second user interface to activate the first user interface.

16. (original) The method of claim 1, wherein only the first or second application, if any, is active at any particular moment.

17. (original) The method of claim 1, wherein each of the first and second applications is independently executed.

18. (original) The method of claim 1, wherein the first and second applications are concurrently active or semi-active.

19. (previously presented) The method of claim 1, wherein the first application is transmitted from said provider equipment to a set-top-terminal.

20. (previously presented) The method of claim 19, wherein the second application is transmitted from said provider equipment to a set-top terminal.

21. (previously presented) The method of claim 1, wherein the first application is operable to overlay at least a portion of a VOD user interface on top of an IPG user interface.

22. (previously presented) The method of claim 1, wherein the second application is operable to overlay at least a portion of an IPG user interface on top of a VOD user interface.

23. (previously presented) The method of claim 1, wherein the first and second applications are operable to overlay a channel information window on top of an IPG user interface and a VOD user interface, respectively.

24. (original) A method for providing interactive program guide (IPG) and video-on-demand (VOD) user interfaces for IPG and VOD services, comprising:

providing an IPG application to support the IPG user interface for the IPG service;

providing a VOD application to support the VOD user interface for the VOD service;

maintaining IPG and VOD message queues for the IPG and VOD applications, respectively; and

passing control to the IPG and VOD applications via messages provided to the IPG and VOD message queues, respectively.

25. (previously presented) A terminal configurable to provide user interfaces for a plurality of services offered by an information distribution system, comprising:

a first application operable to support a first user interface for providing an interactive program guide;

a second application operable to support a second user interface for providing video-on-demand content;

first and second message queues operable to store messages for the first and second applications, respectively; and

means for passing control of the terminal between the first and second applications wherein the means for passing control is implemented by providing messages to the first and second message queues, and wherein the first and second applications are operable to retrieve and process messages stored in the first and second message queues, respectively.

26. (original) The terminal of claim 25, further comprising:

a root application operable to support communication between the first and second applications and a hardware layer.

27. (canceled)

28. (canceled)

29. (canceled)

30. (previously presented) A terminal configurable to provide user interfaces for a plurality of video-on-demand services offered by an information distribution system, comprising:

a first state indicative of a first application executing to support a first user interface for an interactive program guide;

a second state indicative of a second application executing to support a second user interface for video-on-demand content;

a third state indicative of the first and second applications being idle; and means for transitioning between the first, second, and third states.

31. (previously presented) The terminal of claim 30, wherein transitions between the first, second, and third states are in response to defined key presses.